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DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

MICHAEL R. STYLER
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Division Director

Inspection Report

Minerals Regulatory Program

Report Date October 2, 2006

Supervisor AOZ

Mine Name: Lisbon Valley
Operator Name: Rio Algom

Permit number: M0370001
Inspection Date: June 14, 2006
Time: about 1:30-2:00 PM

Inspector(s): Paul Baker
Other Participants: Frank Fossey (Rio Algom)
Mine Status: In reclamation

Weather: Partly cloudy, 80s

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

I wanted to see the status of reclamation. The operator has done most of the reclamation required under the large mine notice, and I wanted to see whether this has been satisfactorily completed or if additional work was needed.

Inspection Summary:

1. Permits, Revisions, Transfer, Bonds

The operator has an escrow account that was set up with the Board of Oil, Gas and Mining, and the most recent statement (November 2005) showed this account holding \$65,681.50.

The operator has verbally requested a reduction in the surety amount based on the reclamation that has been done.

2. Public Safety (shafts, adits, trash, signs, highwalls)

There are two shafts that are part of the permit with the Division, and both have been sealed. The production shaft (Photos 1 and 3) is 2350 feet deep and 18 feet in diameter, and the vent shaft (Photos 2 and 4) is 2650 feet deep and 18 feet in diameter.

The file contains conflicting information about when the shafts were sealed, but it appears to have happened sometime between 1990 and 2000. According to inspection reports in the file, I-beams were first placed in the shafts as the bases for the plugs. One and one-half inch rebar was then keyed into the shaft collars followed by pouring concrete caps three feet thick.

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M0370001

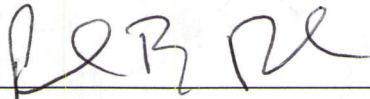
10. Revegetation

The production shaft (Photo 1) still needs some grading before it is seeded. Inspection reports indicate the ventilation shaft was seeded in the spring of 1996, but the vegetation does not match that in surrounding areas.

Conclusions and Recommendations:

The operator needs to submit form MR-SITE applying for partial release of the reclamation surety. The Division could potentially release the portion of the surety being held for sealing the shafts, but some money needs to be held for revegetation of the shaft areas. The disturbed area contains 0.25 acres according to annual reports.

Inspector's Signature



Date:

10/3/06

PBB:pb

cc: Frank Fossey and Peter Luthiger, Rio Algom
Division of Radiation Control

Attachment: Photos

ATTACHMENT

Photographs

M0370001, Lisbon Mine, Rio Algom

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